



Missouri Department of Agriculture

Biennial Report

2006

The Missouri Department of Agriculture's 2006 Biennial Report

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While diverse is the best way to describe Missouri agriculture, dynamic is the word that best explains the Missouri Department of Agriculture's operations. What is now the Missouri Department of Agriculture was established in the mid-1800s to represent the diverse interests of the state's vast agricultural industry. The department has the dual responsibility of protecting the state's producers, processors, distributors and consumers of food, fuel and fiber, while marketing Missouri products at home and abroad.

The Missouri Department of Agriculture has adopted the following vision and mission statements to help direct the agency's regulatory, promotional and policy-making activities toward a common goal:

VISION STATEMENT—To be a leader of a dynamic, sustainable and prosperous agriculture.

MISSION STATEMENT—To serve, promote and protect the agricultural producers, processors and consumers of Missouri's food, fuel and fiber products.

Office of the Director

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Appointed by the governor and confirmed by the Senate, the director determines department policy, represents the administration on agricultural and marketing matters and serves as a liaison to the governor, legislature, rural communities and numerous organizations. Housed in the director's office are the department's administrative and support functions: fiscal, personnel, public affairs, information technology, budget, and policy and planning.

The director is a standing member of the State Milk Board, the Missouri Wine and Grape Board, the Missouri State Fair Commission, the Missouri Soil and Water Districts Commission, the Missouri Development Finance Board, the Missouri Petroleum Storage Tank Insurance Fund, and the Missouri Agricultural and Small Business Development Authority.

Agriculture Business Development Division

(573) 751-4762

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The Agriculture Development Division helps create opportunities for success for Missouri's farmers and agribusinesses. Division staff help facilitate growth in Missouri's agriculture-based businesses by providing business counseling, information, and training on a sector-by-sector basis.

AgriMissouri

AgriMissouri provides marketing assistance to Missouri's farmers, producers, agribusinesses, agritourism businesses and farmers' markets. It is the leader in the promotion of Missouri

agricultural products and destinations to consumers, retailers, chefs and the media through the use of the AgriMissouri brand.

Domestic Marketing Program

The Domestic Marketing Program creates opportunities for Missouri producers and agribusiness through industry growth, business counseling and training, and marketing and promotional programs to grow demand for agricultural products.

Grow Native

Grow Native! is a joint program of the Missouri Department of Conservation and the Missouri Department of Agriculture. Grow Native! enables consumers to choose and use native plants for any landscape. Grow Native! also provides marketing and business expertise to increase profitability for native plant businesses and services.

International Marketing Program

The International Marketing Program assists Missouri's farmers, agricultural businesses, food processors and forestry product companies with a variety of export-related services.

Market News

Market News provides Missouri producers an unbiased, reliable, accurate and timely source for livestock and grain market information. The program aids producers in production planning and provides a more even playing field in the marketplace.

Outreach

Programs instill an interest in agriculture in Missouri's youth and provide specialized financial assistance to youth through loans, loan guarantees and grants. Outreach staff provide development programs that encourage Missouri youth to pursue agricultural degrees and careers. The program also provides services to the state's organized commodity associations, by coordinating merchandising council elections and sponsoring numerous promotional opportunities.

Wine and Grape Board

The Wine and Grape Board is responsible for researching, developing and promoting Missouri grapes, juices and wine. The Board is funded by a tax on all wine sold in Missouri. These funds support the program's three sections: enology and viticulture advisory services, research and promotion and marketing.

Missouri Agricultural and Small Business Development Authority

(573) 751-2129

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The authority helps new and expanding agricultural producers finance their operations and add value to their products through loan, grant and tax credit programs.

A seven-member commission oversees the administration of the Beginning Farmer Loan Program, the Single-Purpose Animal Facilities Loan Program, the Animal Waste Treatment System Loan Program, the Missouri Value-Added Loan Guarantee Program, the Missouri Value-Added Grant Program, the New Generation Cooperative Incentive Tax Credit Program, and the Agricultural Product Utilization Contributor Tax Credit Program.

Animal Health Division

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Missouri's livestock and poultry industries and related products account for more than half of the state's annual agricultural receipts. The Animal Health Division, under the direction of the State Veterinarian, is responsible for controlling, eradicating and testing for livestock disease in Missouri. Stringent animal health regulations and rigorous testing programs help keep Missouri free from costly and threatening livestock diseases and enable farmers to participate in the global marketplace.

The Animal Health Division administers programs for poultry, cattle, swine, horses, exotic animals, sheep, goats and companion animals. Additional programs that regulate livestock markets and dealers, livestock branding and rendering plants provide producer and consumer protection. Animal health laboratories in Jefferson City and Springfield make up a statewide diagnostic laboratory system. A staff of veterinarians, animal health officials and administrative professionals interact with the 2,176 licensed veterinarians in Missouri.

The mobile quality assurance program, "Beef Quality Is Every Cattleman's Business", an electronic animal identification pilot project and the successful implementation of a state meat inspection program round out the division's services.

New programs have been added to help increase producer awareness and understanding of environmental issues that affect animal agriculture and to plan for animal emergencies such as foreign animal disease introduction, natural disasters and bioterrorism incidents.

Grain Inspection and Warehousing Division

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Missouri's grain industry is one of the heartiest in the nation, largely due to producer integrity, reputable grain businesses and the regulatory work of this division. Show-Me State producers annually harvest 650 million bushels of grain valued at more than \$2 billion.

Grain Inspection Services

This program inspects, grades and weighs grain stored in or moved through Missouri. The program facilitates the marketing of grain and rice by providing timely service and ensuring a fair market value. Services are provided at laboratories in Kansas City, Laddonia, Marshall, New Madrid and St. Joseph.

Grain Regulatory Services

This program protects the public interest by regulating public grain warehouse storage facilities and the state's grain buyers. Approximately 200 grain warehouses and 400 grain dealers are licensed, bonded and audited annually by the Grain Regulatory Services staff to ensure that the licensees are fiscally sound and in compliance with the state's grain warehouse and grain dealer laws.

Plant Industries Division

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Often this division's work is carried out behind the scenes, well out of the public eye. Yet it is vital to producer and consumer protection. The division works to prevent the spread of harmful insects and plant diseases; certifies and licenses commercial and private pesticide applicators; assures label accuracy and quality of commercial feeds and seeds; and inspects fresh fruits and vegetables to assure quality and grade.

Bureau of Feed and Seed

The bureau participates in a Bovine Spongiform Encephalopathy (BSE) prevention program and enforces laws and regulations designed to help producers choose products that best suit their needs. The program ensures all labels are standardized and tests feed and seed samples to guarantee the content meets labeling claims.

Bureau of Pesticide Control

This office monitors the sale and use of pesticides, a vital part of agriculture production in the state. The bureau also inspects applicator use records, dealer sales, certification credentials, applicator training records and pesticide sales, and works to promote best management practices for pesticide use.

Bureau of Plant Pest Control

This bureau works to prevent the introduction and spread of harmful insect pests and plant diseases through surveys, quarantines and the annual inspection and certification of nurseries and greenhouses. The bureau annually inspects more than 7,000 acres of nursery stock, issues more than 1,500 nursery dealer certificates and certifies approximately 1,000 export transactions on \$200 million worth of goods.

Bureau of Integrated Pest Management

The goal of this office is to emphasize biological and cultural pest control and resistant plant use to help farmers reduce chemical pesticide use and to help implement practices that reduce the reliance on non-renewable resources. Programs include the eradication of Boll Weevil in Missouri cotton, hypoxia education and stewardship, integrated pest management concepts and education for elementary and secondary schools.

Through its Forest Resources Program, the division enforces laws to control and eradicate Johnson Grass and regulates production and sales of treated timber. The division also offers Fresh Fruit and Vegetable Inspections to assure handlers of fruits and vegetables that their products meet quality grades and purchase agreement standards.

Weights and Measures Division

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The work performed by this division touches the lives of all Missourians. Known as one of the department's consumer protection arms, the division protects buyers and sellers whenever goods and services are exchanged. Its responsibilities include: inspecting the accuracy of weighing and metering devices; providing precise calibration of equipment; ensuring fuel quality; inspecting eggs; and ensuring milk is not sold under cost.

Device and Commodity Inspection

Consumer confidence can only be gained by ensuring that shoppers get what they pay for. Employees annually visit 14,000 businesses, test 24,000 scales and check more than 12,000 prepackaged commodities. Inspectors candle 824,000 eggs at wholesale and retail locations to ensure quality.

Fuel Quality Program

Through its aggressive inspection and testing program that annually performs more than 52,000 tests on 8,000 samples, this program keeps octane mislabeling low and fuel quality standards high.

Metrology Laboratory/Moisture Meter Program

This program annually certifies more than 5,300 test weights, 200 test measures, 30 volume provers; issues between 500-550 metrology certificates and inspects more than 500 grain moisture meters.

Petroleum/Propane/Anhydrous Ammonia Program

Fairness and safety are the goals of this program. Twice a year, field staff inspect 70,000 gasoline pumps. Annually they conduct 3,800 LPG safety inspections.

Missouri State Fair

(660) 827-8150

Fax: (660) 827-8160

Website: www.mostatefair.com

The mission at the Missouri State Fair is to showcase and inspire the best in Missouri agriculture, agribusiness, domestic arts and fine arts through competition and educational experiences and to offer quality entertainment. The 11-day celebration takes place in August in Sedalia. Over 35,000 items from cattle to fine art can be viewed, experienced and enjoyed. On average, exhibitors representing 97% of Missouri's 114 counties come with the hope of being named the best of the best.

The 396 acre fairgrounds are open 365 days a year for camping and building rentals. The monthly calendar of events features everything from private receptions and weddings to major livestock shows and RV camping rallies.

In 1996 the Missouri Legislature established a bi-partisan 9-member Commission to oversee the over 100 year old operation. For more information visit www.mostatefair.com

Missouri State Fair Foundation

The Missouri State Fair Foundation is a 501(c)(3) tax exempt not-for-profit organization. It was established in 1998 with the mission of, “Preserving, improving, and perpetuating the rich heritage of the Missouri State Fair for future generations.” For more information about the Foundation please visit, www.mostatefairfoundation.org

State Milk Board

(573) 751-3830

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A bi-partisan 12-member board appointed by the governor and confirmed by the senate, administers the state’s Grade A and manufacturing grade milk sanitation programs in compliance with federal guidelines adopted in state law as well as Missouri fluid milk and market testing laws.

Missouri Department of Agriculture: Financial Summary

Division / Fund	FY 2005 Appropriation	FY 2006 Appropriation	FY 2007 Appropriation
Office of Director	\$ 3,257,846	\$ 2,170,305	\$ 2,450,225
Ethanol & Biodiesel Incentives	6,367,800	9,067,800	13,842,800
IT Consolidation	0	1,061,877	0
Maintenance Consolidation	0	0	372,217
Division of Ag Business			
Development	4,288,782	4,237,257	4,848,060
Division of Animal Health	5,048,505	4,816,356	4,941,432
Division of Grain Inspection and Warehousing	2,902,813	2,840,106	2,958,459
Division of Plant Industries	3,123,743	2,750,856	3,290,776
Division of Weights and Measures	4,245,441	4,004,470	3,551,231
Missouri State Fair	4,947,563	5,113,295	4,855,119
State Milk Board	1,910,397	1,561,577	1,581,486
DEPARTMENT TOTAL	\$36,092,890	\$37,623,899	\$42,691,805
General Revenue	15,248,217	16,484,499	22,832,655
Federal Funds	5,490,357	5,443,995	4,933,906
MO Air Emission Reduction	0	0	232,300
Animal Health Laboratory Fees	594,315	594,315	532,841
Animal Care Reserve	587,268	558,478	603,559
Livestock Brands	41,371	41,371	38,151
Commodity Council Merch.	94,681	100,935	102,941
Single Purpose Facilities Program	119,802	119,802	137,877
State Fair Fees	4,399,937	4,655,352	4,682,337
Natural Resources Protection	0	0	17,700
Aquaculture Marketing Dev.	33,095	33,095	33,419
Livestock Sales and Markets Fees	33,181	33,181	32,565
Apple Merchandising	12,000	12,000	12,000
Livestock Dealer Law Enf & Adm	12,482	12,482	12,250
Milk Inspection Fees	1,770,827	1,446,771	1,450,737
Grain Inspection Fees	1,985,621	1,955,228	2,047,589
Dairy Plant Inspect & Grade	8,000	8,000	8,000
Petroleum Inspection Fund	2,290,231	2,168,769	2,211,763
Petroleum Violation Escrow	1,000,000	1,100,001	0
Marketing Development Fund	1,610,910	2,095,030	1,670,401
Organic Prod & Certification	127,500	127,500	0
Agriculture Bond Trustee	135,000	135,000	135,000
Missouri Wine and Grape	0	0	457,173
Boll Weevil Supress & Eradicat	99,260	99,260	102,005
MO Wine Marketing Research/Dev	15,000	15,000	15,000
Agriculture Development	343,835	343,835	349,726
Institution Gift Trust	30,000	30,000	29,910
State Fair Trust	10,000	10,000	10,000

Missouri Agriculture's Cash Receipts

Farm Receipts from Sale of Specified Crops and Livestock, Missouri 2000-2004 1/

Commodity	2000	2001	2002	2003	2004
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-thousand dollars-

All commodities	4,560,897	4,744,794	4,267,065	5,168,513	5,818,727
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Livestock and products	2,681,455	2,694,947	2,283,782	2,596,057	3,062,579
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Meat animals	1,637,937	1,531,543	1,242,137	1,537,980	1,759,491
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Cattle and calves	1,044,789	926,286	821,395	1,077,316	1,131,621
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Hogs	589,111	602,005	417,272	456,066	623,260
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Sheep and lambs	4,037	3,252	3,470	4,598	4,610
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Dairy products	269,709	286,229	236,037	234,360	298,808
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Milk, wholesale	269,709	286,229	236,037	234,360	298,808
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Poultry/eggs	735,812	836,078	774,106	790,568	970,886
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Broilers	356,400	NR	NR	NR	NR
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Farm chickens	1,304	506	1,020	1,022	883
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Chicken eggs	69,940	75,585	76,085	99,989	101,395
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Turkeys	272,228	270,600	281,826	253,330	279,930
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Other poultry	35,940	39,990	38,285	38,325	38,370
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Miscellaneous livestock	37,997	41,097	31,502	33,149	33,394
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Honey	1,035	1,083	1,278	1,270	899
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Wool	43	35	79	155	150
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Aquaculture	5,085	4,733	3,568	4,594	4,655
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Catfish	3,117	2,840	1,070	1,954	1,358
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Trout	1,968	1,893	1,858	1,990	2,637
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All other livestock	31,760	35,215	26,540	27,090	27,630
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Crops	1,879,442	2,049,847	1,983,284	2,572,455	2,756,148
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Food grains	175,391	143,798	147,283	198,768	253,796
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Rice	48,788	46,727	41,086	56,696	92,305
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Wheat	126,604	97,071	106,197	142,072	161,491
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Feed crops	711,602	822,871	693,777	899,549	955,054
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Corn	556,669	623,835	512,978	720,393	787,566
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Hay	117,778	156,197	145,353	139,259	135,292
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Oats	846	838	1,312	1,131	600
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Sorghum grain	36,308	42,001	34,134	38,766	31,596
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Cotton	100,019	121,874	116,661	249,167	197,986
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Cotton lint, Upland	79,894	100,176	96,148	221,280	171,201
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Cottonseed	20,125	21,698	20,513	27,887	26,785
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Missouri Agriculture's Cash Receipts (continued)

Farm Receipts from Sale of Specified Crops and Livestock, Missouri 2000-2004 1/					
Commodity	2000	2001	2002	2003	2004

-thousand dollars-

Tobacco	7,523	5,877	4,829	4,520	3,774
Oil crops	731,092	776,217	848,627	1,049,951	1,184,388
Soybeans	730,966	775,874	848,144	1,049,472	1,183,646
Vegetables	25,771	29,630	29,679	31,618	29,201
Potatoes, Summer	9,213	9,608	8,333	10,707	10,934
Misc. vegetables	5,050	5,800	5,450	5,450	5,420
Watermelons	4,446	4,888	7,691	7,629	3,788
Fruits/nuts	13,638	15,392	14,687	17,011	16,097
Apples	6,993	6,476	6,259	7,387	7,711
Fresh	6,292	5,825	5,148	6,178	7,001
Processing	701	651	1,111	1,208	710
Grapes	1,636	1,448	2,023	1,849	2,374
Peaches	3,325	3,285	3,360	4,300	3,510
Other berries	750	970	900	950	900
Misc. fruits & nuts	934	3,213	2,145	2,525	1,602
All other crops	114,406	134,188	127,741	121,873	115,853
Other seeds	25,892	31,989	21,293	15,870	14,573
Other field crops	3,455	4,691	3,801	4,690	1,620
Greenhouse/nursery	84,786	97,294	102,507	101,196	99,572
Floriculture	46,426	47,404	50,597	47,256	43,602
Christmas trees	1,860	1,890	1,910	1,940	1,970
Other greenhouse	36,500	48,000	50,000	52,000	54,000

1/ Revised Data 2000-2002; preliminary data for 2003

Source: Economic Research Service, U.S. Department of Agriculture

Missouri Agriculture's Rank Among States, 2005

	Rank	Total	Unit	Percent of U.S. Total
General				
Farm Numbers	2	105,000	<i>Farms</i>	5.0
Cash Receipts 1/	15	5.82	<i>Billion Dollars</i>	2.3
Crops				
Hay, Excluding Alfalfa	2	5,503,000	<i>Tons</i>	7.4
Sorghum, Grain	5	9,880,000	<i>Bushels</i>	2.5
Rice	5	14,124,000	<i>Cwt</i>	6.3
Hay, All	6	6,718,000	<i>Tons</i>	4.5
Soybeans	7	183,520,000	<i>Bushels</i>	5.9
Watermelon	8	963,000	<i>Cwt</i>	2.5
Cotton	9	885,000	<i>Bales</i>	3.7
Cottonseed	9	315,000	<i>Tons</i>	3.7
Corn, Grain	10	329,670,000	<i>Bushels</i>	3
Grapes	10	3,900	<i>Tons</i>	0.06
Tobacco	11	2,800,000	<i>Pounds</i>	0.4
Apples (<i>utilized production</i>)	13	47,000,000	<i>Pounds</i>	0.5
Peaches (<i>utilized production</i>)	14	11,600,000	<i>Pounds</i>	0.5
Winter Wheat	14	29,160,000	<i>Bushels</i>	1.9
Sorghum, Silage	16	18,000	<i>Tons</i>	0.4
Potatoes, All	20	1,972,000	<i>Cwt</i>	0.5
Oats	20	1,300,000	<i>Bushels</i>	1.1
Corn silage	22	1,430,000	<i>Tons</i>	1.3
Alfalfa Hay	24	1,215,000	<i>Tons</i>	1.6
Livestock and Livestock Products				
Beef Cow Operations	2	54,000	<i>Number</i>	7.0
Cattle Operations	2	64,000	<i>Number</i>	6.5
Beef Cows 2/	2	2,236,000	<i>Head</i>	6.7
Calf Crop	2	2,080,000	<i>Head</i>	5.5
Ice Cream (<i>lowfat hard</i>) 1/	2	13,378,000	<i>Gallons</i>	11.7
All Cows 2/	3	2,350,000	<i>Head</i>	5.6
Turkeys Raised	5	20,500,000	<i>Head</i>	8.0
Cattle and Calves 2/	6	4,550,000	<i>Head</i>	4.7
Ice Cream (<i>lowfat production</i>) 1/	6	21,877,000	<i>Gallons</i>	5.3
Milk Cow Operations	7	2,700	<i>Number</i>	3.5
Hogs and Pigs 3/	7	2,750,000	<i>Head</i>	4.5

Total Cheese Production 1/	10	99,645,000	<i>Pounds</i>	1.1
Total Ice Cream 1/	10	24,652,000	<i>Gallons</i>	2.6
Hog Operations	12	2,200	<i>Number</i>	3.3
Ice Cream (<i>hard</i>) 1/	12	21,291,000	<i>Gallons</i>	2.5
Sheep Operations	14	1,900	<i>Number</i>	2.8
Egg Production	15	1,910	<i>Million</i>	2.1
All Chickens 4/	16	8,801,000	<i>Head</i>	1.9
Milk Cows 2/	18	114,000	<i>Head</i>	1.3
Milk Production	21	1,875,000,000	<i>Pounds</i>	1.1
Cattle and Calves on Feed 2/	21	70,000	<i>Head</i>	0.5
Wool production	21	435,000	<i>Pounds</i>	1.2
Sheep and Lambs	22	75,000	<i>Pounds</i>	1.2
Honey Production	29	750,000	<i>Pounds</i>	0.4

1/ 2004 data

2/ Inventory on hand January 1, 2006

3/ Inventory on hand December 1, 2005

4/ Inventory on hand December 1, 2005 (excludes commercial broilers)